**Science Lesson Plans Grade 3 Chapter 4**

**Objective: (ACOS)**

7.) Describe the life cycle of plants, including seed, seed germination, growth, and reproduction.

•  Describing the role of plants in a food chain

•  Identifying plant and animal cells

•  Describing how plants occupy space and use light, nutrients, water, and air

•  Classifying plants according to their features

Examples: evergreen or deciduous, flowering or nonflowering

•  Identifying helpful and harmful effects of plants

Examples:

- helpful-provide food, control erosion;

- harmful-cause allergic reactions, produce poisons

•  Identifying how bees pollinate flowers

•  Identifying photosynthesis as the method used by plants to produce food

6.) Identify structures and functions of the muscular and skeletal systems of the human body.

8.) Identify how organisms are classified in the Animalia and Plantae kingdoms.

9.) Describe how fossils provide evidence of prehistoric plant life.

Example: plant fossils in coal or shale providing evidence of existence of prehistoric ferns

10.) Determine habitat conditions that support plant growth and survival.

Examples: deserts support cacti, wetlands support ferns and mosses

**Methods/ Student engagement (procedures and materials)**

Lesson 1: How do living things interact?

Lesson 2: How do living things get energy?

Lesson 3: How do living things compete?

Lesson 4: How do environments change?

Lesson 5: What is a healthy environment for people?

Students will discover:

* Ways that plants and animals interact
* How food energy moves through and ecosystem
* What a healthy environment for people includes

Students will be recording and defining vocabulary words in their Science Journal/ drawing and coloring pictures/ group and partner discussions/ viewing Magic school bus video about plant and animal life/ researching plant and animal life on the internet/ researching plant and animal life through a variety of resources from the library

* **Evaluation:**
* Daily participation/ Science Journal/ Unit Test